

## NEW MOTHS FROM MEXICO

*(Lepidoptera)*

By HARRISON G. DYAR

## SATURNIIDÆ

**Agapema muellerana**, new species.

Antennæ light yellow. Fore wing slightly excavated on the outer margin, the apex rounded; soft gray-brown; inner line on both wings blackish, diffused, rather thick; outer line double, wavy on the veins, the inner segment blackish and concrete, the outer segment broader and irrorate with white scales; a carneous shade at apex with a truncated lunule, red without, black within, edged without by pale rosy irrorations. Discal mark rounded, a black center with upright white line, surrounded by a brown annulus and a ring, the latter black without, dark red within with a white arc. Hind wing with the costa broadly pale luteous and no apical mark. Discal mark a little more elongate than on fore wing, with the white arc longer.

Beneath light fawn-color, the inner line and outer segment of the outer line distinct and blackish. Discal marks browner than above, the white arc obsoletely continued as a ring. Expanse, 97 mm.

Type, male, No. 22749, U. S. Nat. Mus.; Mexico City, Mexico, June, 1919 (R. Müller).

One hind wing of the type is broken; but Mr. Müller has taken only two specimens of the species in twelve years, and both reached him in an injured condition.

## ARCTIIDÆ

**Hypocrisias velivolans**, new species.

Fore wing straw-yellow, rather thickly irrorated with fuscous, defining indistinctly a basal and discal cluster of spots and more distinctly two outer rows. Hind wing shaded with fuscous, especially along inner margin, the veins outlined in pale. The wings are square and broad as in the *minima* group;

but the spots are concolorous with the ground and not whitish. Nearest *gemella* Schaus; but that is distinctly a yellow species, and has the outer two rows of spots more rounded, irregular and the rows more separated.

Types, male and female, No. 22750, U. S. Nat. Mus.; Mexico City, Mexico, June, 1919 (R. Müller).

*Exemasia ochropasa*, new genus and species.

Structure of *Hypocrisias*, but the proboscis aborted. The abdomen is dorsally clothed with rough hair as in *Apantesis*, from which the present genus differs in the long hair of the head and the palpi below.

Fore wing dark straw-yellow, hind wings lighter, without marks.

Type, male, No. 22751, U. S. Nat. Mus.; Mexico City, Mexico, June, 1919 (R. Müller).

## NOCTUIDÆ

### HADENINÆ

*Eriopyga agrotiformis*, new species.

Fore wing lilaceous brown; a black point near base, black in the cell between the stigmata, and two subapical subterminal black points. Inner line obscure blackish, double, wavy; outer line only a trace; subterminal very faint, pale, even. Orbicular of the ground-color, large, oblique, incompletely outlined; reniform pale, yellowish, outlined in black without, but not above or below; a pale reddish line at base of fringe. Hind wing pale sordid, shaded broadly with dark fuscous over apex and outer margin. Expanse, 30 mm.

Type, male, No. 22752, U. S. Nat. Mus.; Zacualpan, Mexico, June, 1919 (R. Müller).

### ACRONYCTINÆ

*Emarginea minastes*, new species.

Fore wing silvery white, mostly overspread with sordid yellow (olive green?). A black mark at base on submedian, triangularly widened at tip; a black area between inner and outer lines above vein 2, cut by a square patch from costa,

which is yellow (green?) above and white below, forming a notch at middle at end of cell. Outer line dentate on veins 3 and 4, silvery white; a large black spot at tornus, cut by it. Hind wing white with shaded gray discal dot and outer macular line. Expanse, 26 mm.

Type, male, No. 22753, U. S. Nat. Mus.; Zacualpan, Mexico, June, 1919 (R. Müller).

#### ERASTRIINÆ

*Paracodia globifrons*, new species.

Fore wing blackish; inner line indistinct, angled on submedian and vein 1; median vein lined in pale yellow beyond this to origin of veins 3-4; a pale yellow line surrounds the narrow oblique orbicular, runs parallel to median vein, loops over reniform, runs parallel to median vein below it to an arc at end of obsolete claviform, the enclosed area lighter and reddish. Outer line dark, edged with pale yellow on both sides, the edges widening below, straight, angled on discal fold, and slightly at submedian. A blotchy pale irregular subterminal line, squarely indented opposite cell. Hind wing blackish. A pale line at base of fringe on both wings. Expanse, 33 mm.

Type, female, No. 22754, U. S. Nat. Mus.; Zacualpan, Mexico, July, 1919 (R. Müller).

*Eustrotia retroversa*, new species.

Fore wing yellowish from base to middle, shaded with brown at the middle, and a little brown dot on inner margin at basal third. Outer area purplish; middle line very slightly curved, whitish. Traces of a widely angular pale subterminal line. Hind wing fuscous, pale toward base, dark outwardly. Expanse, 17 mm.

Type, female, No. 22755, U. S. Nat. Mus.; Zacualpan, Mexico, May, 1919 (R. Müller).

*Eustrotia mesosecta*, new species.

Fore wing olive-brown from base to middle, lighter in the center of the area, dark on inner margin at the inception of the obsolete inner line; outer area carneous brown. Middle line erect, whitish, curving out a little and slightly angled on

submedian; a small black half-reniform just beyond it. Subterminal line irregularly dentate, blackish. Hind wing fuscous, pale at base, dark outwardly. Expanse, 19 mm.

Type, female, No. 22756, U. S. Nat. Mus.; Zacualpan, Mexico, June, 1919 (R. Müller).

#### CATOCALINÆ

*Safia holologica*, new species.

Fore wing with the general maculation of *S. amata* Druce (*distilla* Dyar). Inner and median lines double, white, powdery, outbent below vein 1; orbicular a white point, dark-centered; reniform a white arc within with dot in center and a spot beyond. Outer line black, broken; dentate, strongly retracted under cell. Subterminal line white, dentate and broadly waved, forming a number of sharp angles below vein 2; a double black line at base of fringe, separated by white cusps. Hind wing discoloured, yellowish fuscous, with two median dark lines showing by transparency from below; outer area blackish shaded, cut by a pale subterminal shade. Fringe white, irrorate with black, with a black line at the base, forming points at the ends of the veins. The abdomen has dorsal crests on six segments, which are partly white. Expanse, 54 mm. On the under side the hind wings have a white ground, with two median, black, denticulate lines; fore wing blackish and white, simply marked.

Type, female, No. 22757, U. S. Nat. Mus.; Zacualpan, Mexico, May, 1919 (R. Müller).

#### GEOMETRIDÆ

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*Selidosema monotonaria*, new species.

Both wings dark gray, irrorate with black; a round black discal point; an outer row of black dots on the veins, followed here and there by white scales. Beneath paler, the hind wing especially whitish toward the base. Expanse, 35 mm.

Type, male, No. 22758, U. S. Nat. Mus.; Mexico City, Mexico, April, 1919 (R. Müller).

## LARENTIINÆ

**Tephroclystia endotherma**, new species.

Fore wing dark gray, a warm brown shade occupying the median area below cell. Discal dot black, narrow. Lines faint, pale, not waved. Traces of blackish subterminal line on lower half of wing. Hind wing sordid whitish, narrowly gray on the inner area; discal dot and terminal line black, the latter broken on the veins. Expanse, 19 mm.

Type, female, No. 22759, U. S. Nat. Mus.; Mexico City, Mexico, June, 1919 (R. Müller).

**Tephroclystia exophychra**, new species.

Fore wing dark gray, the terminal area shaded with pale yellowish, forming an oblique shade from apex and a broad blotch in the middle, the two connected inwardly; discal dot black; outer line showing black streaks centrally; no other distinct lines. Hind wing pale sordid, gray along the inner margin, the gray running half way across the wing in half a dozen wavy lines. A terminal black line on both wings, cut by the veins. Expanse, 20 mm.

Type, female, No. 22760, U. S. Nat. Mus.; Mexico City, Mexico, June, 1919 (R. Müller).

## THYRIDIDÆ

**Thyridopyralis illustrata**, new species.

As in *T. randialis* Dyar, but differing in detail: The median area of the wing is nearly wholly gray, showing only a little white around the discal mark; terminal space also gray, except for a small light spot below the middle. The species seems larger than *randialis*. Expanse, 32 mm.

Type, male, No. 22761, U. S. Nat. Mus.; Zacualpan, Mexico, June, 1919 (R. Müller).

## PYRALIDÆ

## PYRAUSTINÆ

**Pachyzancla intinctalis**, new species.

Pale straw-yellow, lines dark brown; inner line arcuate, even; orbicular a dot, reniform an arc; outer line slightly ex-

curved, running in along the interspace 2-3, then nearly straight to inner margin; subterminal line a trace; a dark line at base of fringe. Hind wing with a faint discal dot, outer, subterminal and terminal lines as on fore wing. A brown streak at base of costa. Expanse, 21 mm.

Type, male, paratype, female, No. 22762, U. S. Nat. Mus.; Zacualpan, Mexico, May, 1919 (R. Müller); Guadalajara, Mexico (Schaus collection).

#### CHRYSAUGINÆ

*Tetraschistis decadens*, new species.

Fore wing vinous gray, the basal third a little yellowish tinted, lines very faint, dark, obscurely double and drawn toward the center of the wing. A small dark discal dot. Hind wing pale at the base, dark gray on the outer half. Expanse, 21 mm.

The male has a little excavation of the costa just beyond the middle, marked with white.

Types, male and female, No. 22763, U. S. Nat. Mus.; Mexico City, Mexico, May, 1919 (R. Müller).

#### PHYCITINÆ

*Mescinia indecora*, new species.

Fore wing gray, with a lilacine tint, irrorated with blackish, especially in a broad shade along submedian from base to middle. Lines very indistinct, the outer shaded, running obliquely inward from near apex. Discal dot large, blackish, somewhat diffused. Hind wing translucent whitish, the veins and terminal line gray; a yellowish shade along inner margin. Expanse, 23 mm.

Similar in size to *M. discella* Hampson, but obscurely marked.

Type, female, No. 22764, U. S. Nat. Mus.; Zacualpan, Mexico, June, 1919 (R. Müller).